## **PATENT**

## UTILITY PATENT APPLICATION TRANSMITTAL

MAIL STOP PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

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or: J. RODNEY WALTON, JOHN W. KETCHUM, MARK S. WALLACE, STEVEN J. HOWARD FREQUENCY-INDEPENDENT SPATIAL PROCESSING FOR WIDEBAND MISO AND MIMO SYSTEMS			
mal (17) sheet(s) or for of Attorney: aims priority from A pages and Recordatiendment ( ) pagure Statement (IDS)	☐ Signed ☐ Unsipplication Serial No., on Form Cover Sheet ges.	gned Filed, Status	
(a) Filed	(b) Extra Claims	Large Entity Fee	Fee Paid
58- 20	38	x \$18 =	\$684.00
10- 3	7	x \$84 =	\$588.00
Multiple Dependent Claim(s): ⊠ No ☐ Yes		\$280	\$0.00
APPLICATION FILING FEE		\$750	\$750.00
*If the number in column a is less than 20, enter 0 in column b.  **If the number in column b is less then 3, enter 0 in column b.		TOTAL FEE	\$2,022.00
osit Account No. 17- ereby authorized to component, to said Depo- occessing.  It is further hereby authorized whatsoever clusive, for the entire	0026 of QUALCOMI harge payment of any osit Account No. 17-00 thorized to charge to s which may become p to pendency of this app	M Incorporated the amount of additional fees which may be 1026. A duplicate of this sheet and Deposit Account No. 17-roperly due or payable, as se lication without specific additional payable.	e required, t is  -0026, pursuant t forth in 37 CFR 1.16
	(62) total pages. mal (17) sheet(s) or of Attorney: aims priority from A pages and Recordation of Attorney: aims priority from A pages and Recordation of Sure Statement (IDS of IDS Citations (number of Section of Attorney)  (a) Filed  58-20  10-3  It Claim(s): No Country of Section of	(62) total pages. mal (17) sheet(s) or  Informal () sheet(s) of Attorney:  Signed  Unsignams priority from Application Serial No., pages and Recordation Form Cover Sheet endment () pages. soure Statement (IDS):  (a) Filed (b) Extra Claims  58-20 38  10-3 7  It Claim(s):  No Yes  PLICATION FILING FEE  In a is less than 20, enter 0 in column b. mun b is less then 3, enter 0 in column b. posit Account No. 17-0026 of QUALCOM ereby authorized to charge payment of any ayment, to said Deposit Account No. 17-00 occessing.  is further hereby authorized to charge to so, any fee whatsoever which may become polusive, for the entire pendency of this app	MARK S. WALLACE, STEV

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